

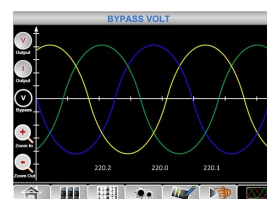
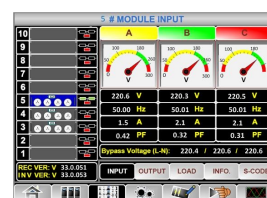
RM600/30X Series Modular Online UPS

25-600KVA (380V/400V/415V)

15-400KVA (200V/208V/220V)

Description

The RM600/30X Modular UPS provides power capacity of 600KVA in one single system. With the most advanced full DSP control technology, health management system and smart monitoring system, it has been proven to be the best choice for large data centers, as well as for sensitive electronics.



Features

- Modular design with N+X redundancy ,online hot-swappable
- High power density of 600KVA in one single cabinet, 30KVA power module with only 3U height
- Green and energy saving: AC/AC efficiency>95%,input power factor>0.99 while input THDi<3%
- Full DSP control of high stability, reliability and safety
- Integrated IGBT module with improved performance and reduced size
- Self-Aging mode for full load test with less than 10% of the total power capacity needed
- Smart Sleeping mode for energy saving and prolong the life time of the system
- Optimized battery management, intelligently control the whole process of the charging and discharging, effectively improve the life time of the battery
- Battery cold start, UPS can be powered on from the battery without utility
- Automatically record the information when faults happen, easy for trouble shooting
- Monitor runtime of critical components, such as fans and capacitors, settable alarm for service period
- Independent LCD display for each power module with self-starting function
- Programmable dry contacts, the function of each port can be defined by users
- Friendly human machine interface with colorful touch screen of 10.4 inches

Specification

MODEL	RM600/30X RM500/25X	RML400/20X PML300/15X	
Capacity	25-600KVA	15-400KVA	
Power Module Type	PM30X/PM25X	PML20X/PML15X	
INPUT			
Phase	3 Phases + Neutral + Ground		
Voltage	380V/400V/415V(line to line)	200V/208V/220V(line to line)	
Frequency	50/60Hz		
Power Factor	>0.99		
THDi	THDi<3% @ 100% linear load		
Voltage Range	304~478Vac (Line-Line),full load 228V~304Vac (Line-Line),load decrease linearly according to the min phase voltage	166~261Vac (Line-Line),full load 125V~166Vac (Line-Line),load decrease linearly according to the min phase voltage	
Frequency Range	40Hz~70Hz		
OUTPUT			
Voltage	380V/400V/415V	200V/208V/220V	
Voltage Regulation	1.5%		
THDu	THD<1% (linear load),THD<6% (None linear load)		
Power Factor	0.9	0.8	
Crest Ratio	3:1		
Overload Capability	110% for 1 hour; 125% for 10 minutes ;150% for 1 minute; >150% for 200ms		
BATTERY			
Voltage	±240VDC	±120VDC	
Charge Power	20%*System Power		
Charge Power Precision	±1%		
SYSTEM			
System Efficiency	Normal mode:95% ;ECO mode:99% ; Battery mode:95%	Normal mode:93% ;ECO mode:98% ; Battery mode:93%	
Display	10.4" LCD+LED, Color touch Screen +Keyboard		
IP Class	IP20		
Interface	Standard :RS232,RS485,Dry contacts, USB; Optional: SNMP ,Expansion dry contact card		
Operation/Storage Temperature	0~40℃/-40~70℃		
Relative Humidity	0~95%(non-condensing)		
Noise	72dB @ 100% load, 68dB @ 45% load(1 meter away)		
PHYSICAL			
Weight	Cabinet	660Kg	660Kg
	Power Module	PM30X: 34Kg; PM25X:32Kg	PML20X:34Kg; PML15X: 32Kg
Dimension (W*D*H)	Cabinet	2000*1050*2000(mm)	2000*1050*2000(mm)
	Power Module	PM30X/ PM25X:460*790*134(mm)	PML20X/PML15X:460*790*134(mm)